

PROJECT SUMMARY

SNC Reference Number
(enter if previously assigned)

County: Tehama

Applicant: Tehama County Resource Conservation District

Project Title: Battle Creek Watershed Assessment and Management Plan

PROJECT GOAL

The primary goal of this watershed assessment and planning project is to characterize the environmental conditions and issues found within the upland, aquatic and riparian areas of the Battle Creek watershed. Current environmental conditions found in the upland portions of the watershed will then be analyzed and linked to environmental conditions currently identified within the aquatic and riparian habitats of Battle Creek's stream corridor. The information developed through the assessment process will be utilized in a related management plan that develops prioritized stakeholder based strategies to solve environmental and economic problems found within the watershed. These strategies would direct and shape the design of specific projects to improve watershed conditions.

PROJECT SCOPE

This watershed project would result in the development of a combined watershed assessment and management plan for the 236,800 acre Battle Creek watershed, 90 percent of which is within the SNC's North Central Sub-region. Battle Creek is considered a uniquely important salmon-producing stream due to its location below Shasta Dam and in having four phenotypically and genetically distinct races of Chinook salmon. The assessment process will focus on describing and evaluating current and historical environmental conditions throughout the Battle Creek watershed including geology, soils, hydrology, water quality, vegetation, wildlife, fisheries, human use, as well as fire and fuels. These tasks will be completed through the synthesis and modeling of environmental information and data. Project work will also include identification of data gaps and result in the development of conclusions and recommendations that will become the basis for a detailed watershed management plan containing recommended restoration actions. This analysis and planning process will result in the development of stakeholder based mitigation measures and initiatives to improve current conditions.

LETTERS OF SUPPORT

Sierra Pacific Industries, The Nature Conservancy, United States Fish and Wildlife Service, Natural Resource Conservation Service, Bureau of Land Management, California Department of Fish and Game, California Regional Water Quality Control Board

DETAILED PROJECT DELIVERABLES	TIMELINE
INCLUDE SPECIFIC TASKS IDENTIFIED IN SCOPE AND ALL REPORTS, ETC.	ASSUME START DATE 60 DAYS AFTER SNC BOARD AUTHORIZATION Months after start date
TAC established	Month 3
Subcontracts established with sub consultants	Month 3
Preparation of outreach and education materials	Month 4
Six month progress report	Month 6
Data acquisition, GIS Modeling, synthesis and interpretation of data and information	Month 12
Six month progress report	Month 12
Six month progress report and final draft assessment document	Month 18 &19 respectively
TAC and community meetings to provide input into the development of strategies, projects and initiatives to address current watershed conditions	Months 19 & 22 respectively
Final draft management plan and release of the combined watershed assessment and management plan document and final progress report	Month 24

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
INCLUDE COSTS FOR STAFF, TASKS, DELIVERABLES AND PROJECT PERFORMANCE MEASURES	\$
Project management (TCRCD Staff)	\$9,600
GIS modeling analysis, maps/graphics; preparation of assessment and planning document (TCRCD and Sub consultants)	\$144,400
Performance measure reporting	\$3,000
Community outreach/interviews/website maintenance (BCWC Staff and Stakeholders)	\$4,500
Administrative costs related to project	\$23,550
	\$
	\$
	\$
SNC GRANT TOTAL	\$185,050